a limited extent tiltable support of the joint ball (1.1), and a metal ring (4) to positively lock the bearing shell (3) within the joint housing (2), whereby the metal ring (4) is embedded in the joint housing (2) and has a radially inwardly bent end segment (4.3) located in an area of an opening in the joint housing (2) that is provided for the passage of the joint pin (1), characterized in that an inside diameter of a cylindrical center part (4.1) of the metal ring (4) corresponds to an outside diameter of the bearing shell (3).

12. Ball-and-socket joint as claimed in claim 11, characterized in that the metal ring (4) having a radially outwardly angled flange (4.2) that is extrusion-coated with material of the joint housing (2).

13. Ball-and-socket joint as claimed in claim 12, characterized in that the flange (4.2) protrudes at an approximately 90° angle from the cylindrical center part (4.1) of the metal ring (4).

14. Ball-and-socket joint as claimed in claim 11 characterized in that the cylindrical center part (4.1) of the metal ring (4) ends in an area of an equator (Ä) of the joint ball (1.1).

15. Ball-and-socket joint as claimed in claim 11 characterized in that the bearing shell (3) includes a pin-

side area that is provided with slits (3.1) which extend up to an area of an equator (Ä) of the joint ball (1.1).

16. Ball-and-socket joint as claimed in claim 15 characterized in that the bearing shell (3) also includes a head-side area, facing away from the joint pin (1), that is provided with indentations (3.2) which extend parallel to a joint axis (L).

17. Ball-and-socket joint as claimed in claim 16 characterized in that the slits (3.1) and indentations (3.2) are formed in the bearing shell (3) so as to be mutually offset in circumferential direction.

18. Ball-and-socket joint as claimed in claim 11 characterized in that the joint housing (2) in the area of the opening is provided with a ring groove (2.1) into which a ball-side end of a sealing bellows (5) may be secured.

19. Ball-and-socket joint as claimed in claim 11 characterized in that the joint housing (2) is made of plastic as one piece together with a chassis strut by injection molding.

20. Ball-and-socket joint comprising:

a joint pin having a joint ball;

a bearing shell for supporting the joint ball of the joint pin, the joint ball being rotatable and, to a limited extend, tiltable relative to the bearing shell;

a joint housing for supporting the bearing shell, the joint housing having an opening for receiving the bearing shell; and

a metal ring having a cylindrical portion, the cylindrical portion of the metal ring protruding from the opening of the joint housing and forming a passage receiving the bearing shell, an inside diameter of the metal ring comprising a guide for engaging and receiving an outside diameter of the bearing shell and for guiding the bearing shell into the joint housing, the metal ring also having a radially inwardly bent end segment for securing the bearing shell within the joint housing.

21. Ball-and-socket joint as claimed in claim 20 wherein the metal ring further includes a radially outwardly extending flange portion, the radially outwardly extending flange portion extending into and being embedded in the joint housing for anchoring the metal ring within the joint housing.

22. Ball-and-socket joint as claimed in claim 21 wherein the joint ball has an equator, the radially outwardly extending flange portion of the metal ring extending into the joint housing at a location near the equator of the joint ball.

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23. Ball-and-socket joint as claimed in claim 20 further including a sealing bellows, the joint housing includes a ring groove for receiving a portion of the sealing bellows, the ring groove being located radially outwardly of the cylindrical portion of the metal ring.